



Patent  
Attorney's Docket No. N.C. 83,977

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
 )  
BRUCE et al. ) Group Art Unit: 1733  
 )  
Application No.: 10/672,271 ) Examiner: Mayes, Melvin C.  
 )  
Filed: September 26, 2003 ) Confirmation No.: 8808  
 )  
For: MICROWAVE ASSISTED )  
REACTIVE BRAZING OF CERAMIC )  
MATERIALS )  
 )

**AMENDMENT UNDER 37 C.F.R. § 1.111 RESPONSIVE TO OFFICE ACTION DATED  
NOVEMBER 16, 2004 AND SUBMISSION OF SUBSTITUTE SPECIFICATION**

**MAIL STOP AMENDMENT**

**Director of the U.S. Patent and Trademark Office  
PO Box 1450  
Alexandria, VA 22313-1450**

Sir:

The Office Action dated November 16, 2004 set forth a three month shortened statutory period for response. A Petition for a two month extension of the period for response is submitted concurrently. Responsive to the Office Action, kindly enter the following:

AMENDMENTS TO THE DRAWINGS begin on page 2 and include an attachment.  
AMENDMENTS TO THE SPECIFICATION begin on page 3 and include attachments.  
AMENDMENTS TO THE CLAIMS begin on page 4.  
REMARKS begin on page 13  
ATTACHMENTS:

Two sheets of replacement drawings are attached following page 19 of the Office Action.  
A clean copy of a Substitute Specification is attached.  
A marked up copy of a Substitute Specification is attached.

04/20/2005 HALI11 00000014 500281 10672271

02 FC:1202 950.00 DA  
03 FC:1201 200.00 DA